

# SUPERFUND & BROWNFIELDS WORK IN NEVADA



June 2016

**Brownfields Grant Funds: \$8.7 Million**

**Removal Work: \$7.46 Million**

**Remedial Work: \$41.32 Million**

**Total: \$57.48 Million**

## Removal Work (2013 to Present)

### Eureka Lead Smelter Site, assessment and cleanup (\$5 Million)

- Sampled more than 200 residential properties.
- Cleanup completed at 43 residential properties.
- Draft Engineering Evaluation/Cost Analysis released in November 2015.

### McDermitt & Cordero Mercury Mine Sites (\$1.5 Million)

- Cleaned up 56 residential properties (removal and backfill, or capped in place).
- Four roadways and 1 school property cleaned up (excavation or capped in place).
- Nearly 19 acres in total.

### Black Bear Patent Site (\$700,000)

- Abandoned leach pads and process equipment were removed or rendered safe.
- Approximately 1,200 cubic yards and 14,000 gallons of hazardous wastes were characterized, packaged and removed for off-site disposal.

### Winnemucca Junior High School Mercury Cleanup, (\$74,000)

- Elemental mercury spilled at three locations (school and two residents) by Junior High student.
- 400 students decontaminated by removal of shoes, 12 students fully decontaminated because of direct contact with mercury.
- 15 cubic yards of mercury contaminated debris and 5 pounds of elemental mercury removed from site.

### Ocean Mist Garage (\$25,000)

- Southern Nevada Health District requested EPA assistance with a makeshift lab left by a tenant in an elderly resident's garage.
- Approximately 30 gallons of hazardous wastes and 55 gallons of nonhazardous debris were collected and disposed.

### Black Wash Mercury Spill (\$17,000)

- 10 lbs of mercury spilled in a residential garage by the occupants.

### South Fork Dip Vat (\$114,000)

- Cleaned up 600 cubic yards of pesticide contaminated soils.

### Carlin Chemicals (\$28,000)

- Removed 600 lbs of waste chemicals and 1,200 lbs of solid waste from a residential area.

## Brownfields Grants (2010 to Present)

### Nevada Dept. of Environmental Protection, State Response Program grant (\$4.4 Million from 2010–2016)

- Conduct assessments and cleanups for brownfields sites throughout Nevada
- Maintain and enhance the NDEP Certified Environmental Manager program
- Participate in the after-hours on-call program for Duty Officers and Environmental Assistance Coordinators

### City of Carlin, Assessment grant (\$400,000)

### Northern Nevada Development Authority, Assessment grant (\$600,000)

### Nye County, Revolving loan fund for cleanup (\$1 Million)

### Nye County, Assessment grant (\$600,000)

### Nye County, Job Training grants (2 at \$200,000 each)

### Clark County, Assessment grant (\$500,000)

### City of Henderson, Assessment grant (\$550,000)

### Pyramid Lake Paiute Tribe, Response Program grant (\$237,000)

## Remedial Work (1990 to Present)

### Nevada Dept. of Environmental Protection, Preliminary Assessment/Site Inspection grant (\$325,000 from 2010–2016)

- Assistance on the Eureka Mine Smelter site.
- Abandoned Mine Lands Program site screens.

### Carson River Mercury Site (\$18 Million; State cost share \$236,000)

- Kicked off the RI for the river channel, sediments, banks and biota, including digitizing over 30 years-worth of data from EPA, USGS, USBR and USFWS studies of the 80-mile reach of the river.
- In April, EPA met with stakeholders from regulatory and agency partners to review assumptions and the path forward for the RI and risk assessment. The draft RI will be reviewed by the partners in late summer and finalized in the fall.
- A joint EPA/NDEP and Tribal team collected core, soil methyl mercury and soil sampling during a week-long event.
- Completed mapping project detailing the extent of mercury contamination. EPA and NDEP will use the maps in reaching out to communities prior to release of the RI.

### Anaconda Mine (\$21 Million; PRP reimbursed \$10 Million)

- Soil, groundwater and surface water contamination with metals and uranium.
- Private settlement to provide safe drinking water.
- New fluids management infrastructure constructed.
- Will be proposed for addition to the NPL in Fall 2016.

### Rio Tinto Mine (\$2 Million; PRP reimbursed \$1.85 Million)

- Consent Decree entered in May 2013.
- 750,000 cubic yards of tailings removed from Mill Creek.
- Reconstruction of Mill Creek to support fish passage now underway in support of Shoshone Paiute Tribal resources.
- Construction completion planned for 2016.

# NEVADA PROJECTS AND GRANTS

